

Version of Claims With Amendments Indicated

**COPY OF PAPERS
ORIGINALLY FILED**

- 1 1. A geophone, comprising:
- 2 a housing;
- 3 a first terminal positioned on one [side] end of the housing;
- 4 an electrically conductive path having a first end coupled to the first
- 5 terminal;
- 6 a first coil resiliently mounted within the housing and coupled to the
- 7 first end of the electrically conductive path;
- 8 a second terminal positioned on [another side] a second end of the
- 9 housing;
- 10 a second end of the electrically conductive path coupled to the second
- 11 terminal ;
- 12 a second coil resiliently mounted within the housing and coupled to the
- 13 second end of the electrically conductive path; and
- 14 a magnet mounted within the housing.

Claims 2-10 - No change.

- 1 11. A geophone, comprising:
- 2 a housing including a first end and a second end opposite the first end;
- 3 a first end plate coupled to the first end of the housing;
- 4 a second end plate coupled to the second end of the housing;
- 5 a first end plate support coupled to the first end plate;
- 6 a second end plate support coupled to the second end plate;

7 a first magnet support coupled to the first end plate support;
8 a second magnet support coupled to the second end plate support;
9 a magnet coupled to the first and second magnet supports;
10 a first resilient ring coupled to the first end plate support;
11 a second resilient ring coupled to the second end plate support;
12 a first spring coupled to the first end plate support;
13 a second spring coupled to the second end plate support;
14 a first coil support coupled to the first spring;
15 a second coil support coupled to the second spring;
16 a first coil coupled to the first coil support; and
17 a second coil coupled to the second coil support.

Claims 11-19 - No change.

1 20. A seismic acquisition system, comprising:

2 at least one geophone, each geophone comprising:

3 a housing;

4 a first electrically conductive terminal on one [side] end of the housing;

5 a first coil resiliently mounted within the housing and operably coupled
6 to the first terminal;

7 a second electrically conductive terminal on [another side] a second
8 end of the housing;

9 a second coil resiliently mounted within the housing and operably
10 coupled to the second terminal;

11 a magnet mounted within the housing; and
12 a controller operably coupled to the geophone.

Claims 21-43 - No change.

1 44. A geophone having a plurality of first electrically conductive parts and a
2 plurality of second electrically conductive parts, the first plurality of parts being
3 interconnected to form an electrically conductive pathway, the electrically conductive
4 pathway being insulated from the second plurality of parts by an electrically
5 insulating layer disposed on a surface of one of [between] the electrically conductive
6 pathway and the second plurality of parts.

Claim 45 - No change.

1 46. A geophone housing comprising a housing, a first terminal positioned on a first
2 [side] end of the housing and a second terminal positioned on a second [side] end of
3 the housing.

Claim 47 - No change.